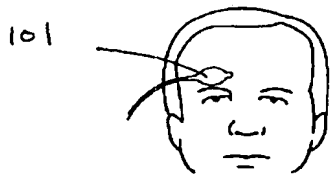


Fig. 1

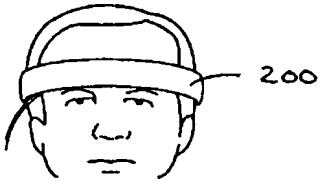


Fig. 2

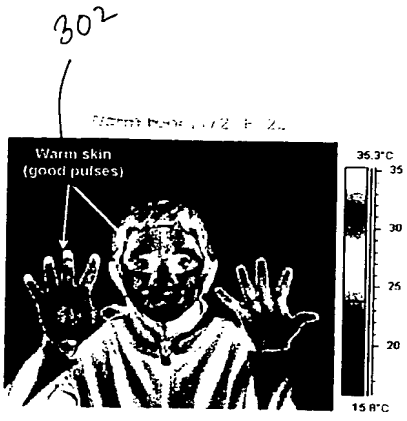


Fig. 3A

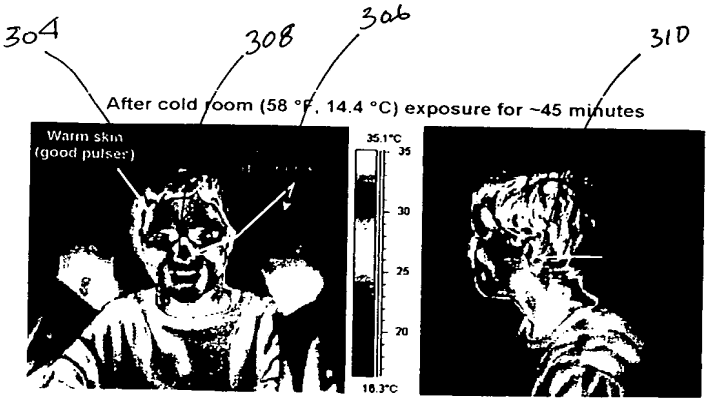


Fig. 3B

Fig. 3C

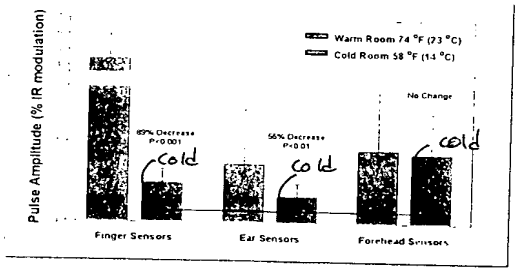


Fig. 4

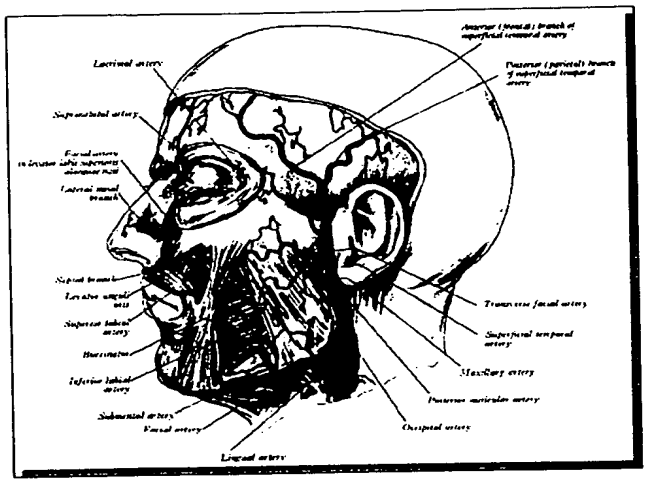

Lacrimal artery
Supratrochlear artery
Transverse facial artery
Superficial temporal artery
Maxillary artery
Posterior auricular artery
Occipital artery
Lingual artery

Fig. 5

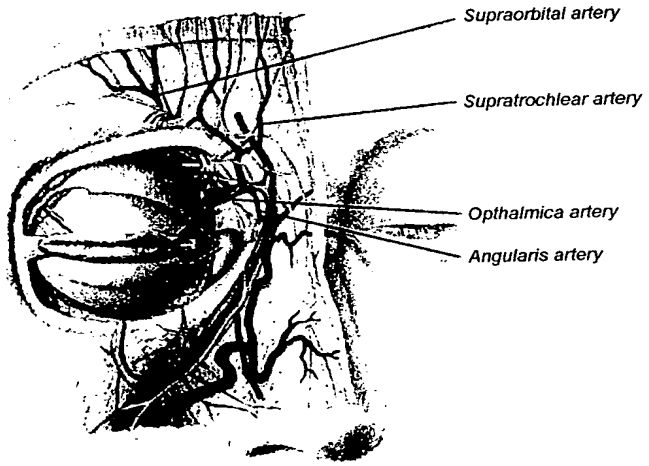

Supraorbital artery
Supratrochlear artery
Opthalmica artery
Angularis artery

Fig. 6

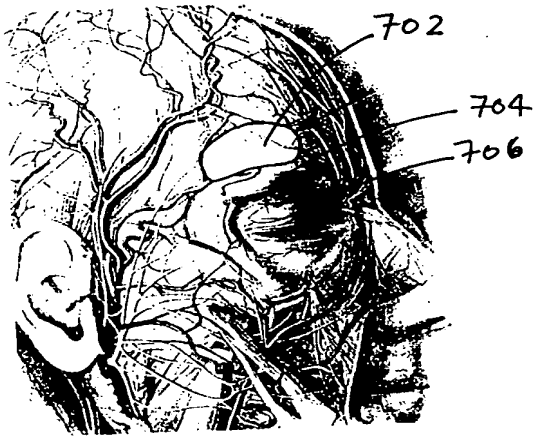


Fig. 7

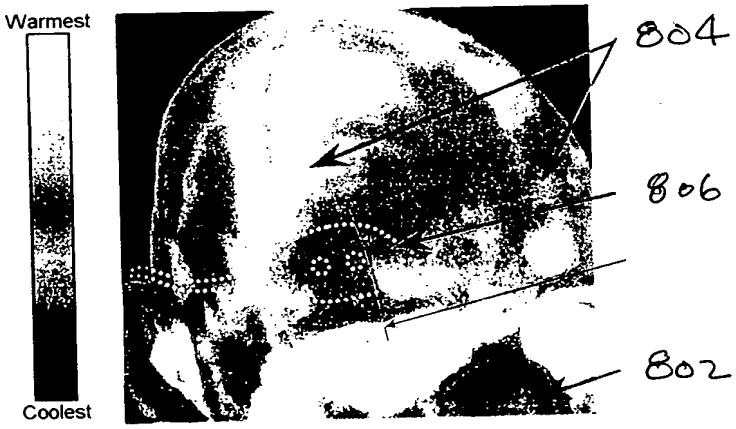
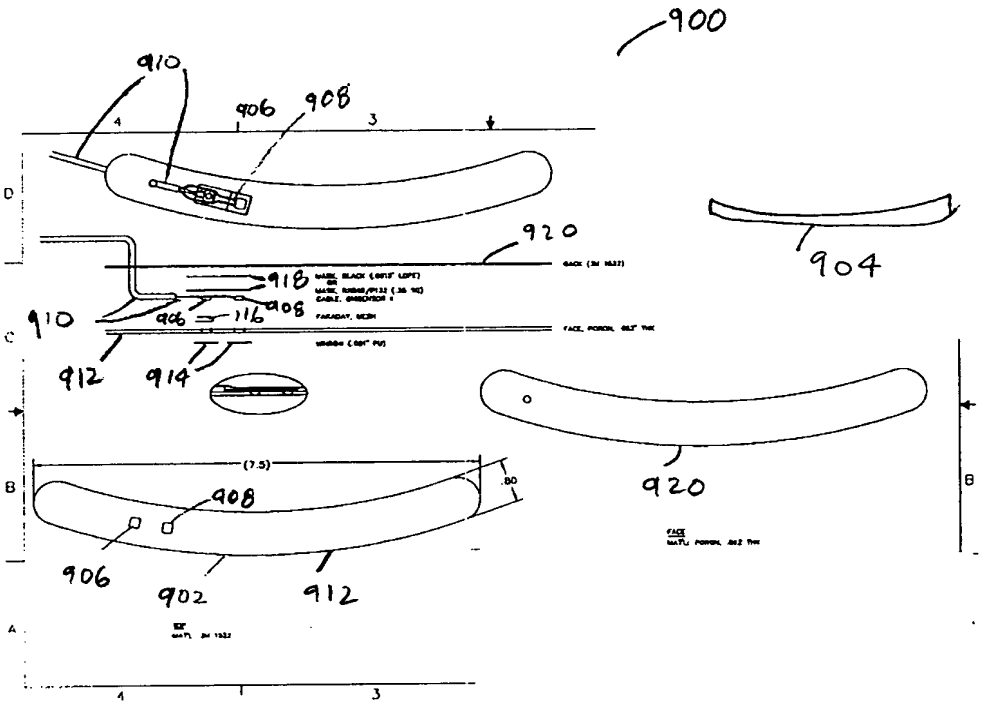


Fig. 8


900
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902
912

Fig. 9

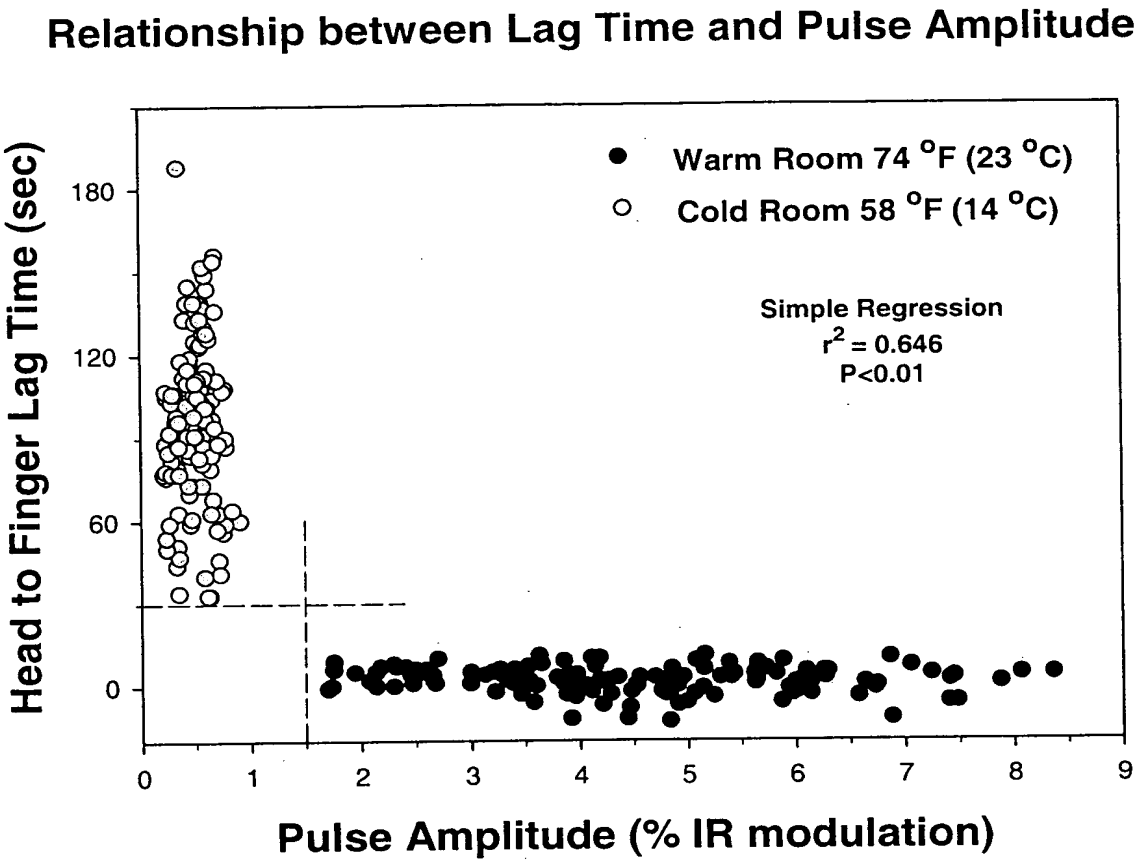
Relationship between Lag Time and Pulse Amplitude
Warm Room 74 °F (23 °C)
Cold Room 58 °F (14 °C)
Simple Regression
r² = 0.646
P<0.01
Head to Finger Lag Time (sec)
180
120
60
0
0
1
2
3
4
5
6
7
8
9
Pulse Amplitude (% IR modulation)

Fig. 10